

PORSE 11.3.18.1 V9

MATERIAL SAFETY DATA SHEET: CHECK-MARK WASP-A-FOAM

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DATE OF ISSUE  
3/08/2001

SUPERSEDES  
1/18/1999

SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms

Trade Name & Synonyms

CHECK-MARK WASP-A-FOAM

Chemical Family:

ALCOHOL/ALLETHRIN/CHLORPYRIFOS BLEND

Formula Mixture --> X

Manufacturer's Name:

CHEMSEARCH DIV. OF NCH CORP.

Address:

BOX 152170

IRVING, TX 75015

Prepared By:

L Boynton/Chemist

Product Code Number

5200

Emergency Phone Number

800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)

ETHANOL

ISOBUTANE

PROPANE

CHLORPYRIFOS

Hazard

IRR/CARC 5

ASPHX/FLAM

ASPHX/FLAM

IRR/TOX.

TLV

1000 PPM 1

800 PPM 1

1000 PPM 1

0.2MG/M3 1

PEL

1000 PPM 2

NOT EST. 2

NOT EST. 2

0.2MG/M3 2

STEL

NOT EST.

NOT EST.

NOT EST.

NOT EST.

CAS #

64-17-5

74-28-5

74-98-6

2921-88-2

SECTION III - PHYSICAL DATA

Boiling Point (F): 172-212

Specific Gravity (H2O=1): 0.87-0.99

Vapor Pressure (MM HG): 3360

Color: OFF-WHITE

Vapor Density (Air=1): >1

Odor: ALCOHOL

PH @ 100%: 8.5-9.5

Clarity: OPAQUE

Evaporation Rate by Volume: 96-99

Evaporation Rate (BU A/C=1): >1

H2O Solubility: APPRECIABLE

Viscosity: NON-VISCOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point  
NON-FLAM / T.C.C.

Flammable Limits  
PRODUCT MIXTURE

LEL  
1.9%

UEL  
19%

Extinguishing Media

X --Foam

--Alcohol Foam

X --CO2

X --Dry Chemical

--Water Spray

--Other

Special Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire and Explosion Hazards:

USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS TO PREVENT BURSTING.

Aerosol Level (NFPA 30B): 1

NFPA 704 Hazard Rating (0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

2 --Health 1 --Flammability 0 --Instability --Special

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

-Acute (Short Term Exposure)

EYE CONTACT: MAY CAUSE IRRITATION SEEN AS TEARING AND REDNESS. SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS. INHALATION: MAY CAUSE RESPIRATORY IRRITATION SEEN AS COUGHING AND SNEEZING. INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING, DIARRHEA AND HEADACHES. IF EXTREMELY LARGE AMOUNTS ARE INGESTED, INCOORDINATION, TWITCHING, BLURRED VISION AND POSSIBLE CONVULSIONS MAY OCCUR.

-Chronic (Long Term Exposure)

NO HUMAN CHRONIC EFFECTS KNOWN. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, AND DERMATITIS. TARGET ORGANS: LIVER, KIDNEY AND CENTRAL NERVOUS SYSTEM.

Routes of Entry:

X --Inhalation

--Ingestion

--Absorption

Emergency and First Aid Procedures:

-Inhalation:

REMOVE TO FRESH AIR IF EFFECTS OCCUR AND CALL PHYSICIAN.

-Eye Contact:

FLUSH WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

-Skin Contact:



## SECTION V - HEALTH HAZARD DATA (Continued)

REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WARM WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

## -Ingestion:

DO NOT INDUCE VOMITING BECAUSE OF POSSIBLE HAZARD. CALL A PHYSICIAN IMMEDIATELY.

## -Notes to Physician:

CONTAINS CHLORPYRIFOS AT 0.5%. CHLORPYRIFOS IS A CHOLINESTERASE INHIBITOR TREAT SYMPTOMATICALLY. ATROPINE IS AN ANTIDOTE.

## SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

IARC--> Yes      NTP--> No      OSHA--> No      ACGIH--> No      OTHER--> No

## ETHANOL

ORL RAT LD50: 7060 MG/KG 3.  
ORL-HMN LDLO: 1400 MG/KG 3.  
SKN-RBT 20 MG/24H MODERATE 3.  
EYE-RBT 500 MG/24H MILD 3.  
IHL-RAT LC50: 20000 PPM/10H 4.

## CHLORPYRIFOS

ORL RAT LD50: 82 MG/KG 3.  
IHL-RAT LC50: >200 MG/M3/4H 3.  
SKN-RBT LD50: 2 GM/KG 3.

## ISOBUTANE

IHL-RAT LC50: 57 PPM/15M 3.

## PROPANE

NO TOXICITY DATA AVAILABLE

## ETHANOL

IARC HAS RECENTLY DETERMINED THAT ETHANOL IS A CARCINOGEN EFFECTING THE LIVER BASED ON CHRONIC EXPOSURE THROUGH HUMAN CONSUMPTION VIA THE DRINKING OF ALCOHOLIC BEVERAGES OVER AN EXTENDED PERIOD OF TIME. ADDITIONALLY, ORAL CONSUMPTION OF ETHANOL BY PREGNANT WOMEN HAS CAUSED DEFORMITIES IN THE FETUS KNOWN AS FETAL ALCOHOL SYNDROME. THE USE OF THIS PRODUCT FOR ITS INTENDED PURPOSE SHOULD NOT POSE ANY HAZARDS OF THIS KIND. 5.

## SECTION VII - REACTIVITY DATA

Stability:      X <--Stable      <--Unstable

## Conditions to Avoid:

AVOID HEAT, HOT SURFACES, SPARKS AND OPEN FLAMES.

## Incompatibility (Materials to Avoid):

OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND HYDROGEN PEROXIDE.

## Hazardous Decomposition Products:

OXIDES OF CARBON, HYDROCARBON FUMES AND SMOKE.

## Hazardous Polymerization:

<--May Occur      X <--Will Not Occur

## Conditions to Avoid:

NONE KNOWN.

## SECTION VIII - SPILL OR LEAK PROCEDURES

## Steps to be Taken if Material is Released or Spilled:

DUE TO THE NATURE OF THE AEROSOL PACKAGING, A LARGE SPILL IS UNLIKELY. FOR A SMALL SPILL, ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. WEAR APPROPRIATE PROTECTIVE CLOTHING.

## Waste Disposal Method(s):

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS. TYPICAL DISPOSAL IS TO WRAP THE EMPTY AEROSOL CONTAINER IN SEVERAL LAYERS OF NEWSPAPER AND DISPOSE OF IN THE TRASH.

## Neutralizing Agent:

NONE KNOWN.

## SECTION IX - SPECIAL PROTECTION INFORMATION

## Required Ventilation:

GENERAL VENTILATION IS NORMALLY ADEQUATE.

## Respiratory Protection:

NONE REQUIRED UNDER NORMAL CONDITIONS OF USE.

## Glove Protection:

NEOPRENE RUBBER OR NITRILE GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS LIKELY.

## Eye Protection:

SAFETY GLASSES IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

## Other Protection:

NONE UNDER NORMAL CONDITIONS OF USE.

## SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature:    Indoors--> X      Outdoors-->      Heated-->      Refrigerated-->

Minimum Temperature: 32°F    Maximum Temperature: 122°F

## Precautions to be Taken in Handling and Storing:

DO NOT ALLOW PESTICIDE TO CONTAMINATE FOOD, FEED, OR NATURAL BODIES OF WATER. USE WITH CAUTION AROUND HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY AND OPEN FLAME.

## SECTION X - STORAGE AND HANDLING INFORMATION (Continued)

## Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

## SECTION XI - REGULATORY INFORMATION

Chemical Name  
None

CAS Number

Upper % Limit

Those ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer.

This MSDS is not intended for users in the state of California.

## SECTION XII - REFERENCES

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1998; 2. OSHA PEL; 3. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFODisc, 1998; 4. SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, EIGHTH EDITION, RICHARD J. LEWIS, SR.; 5. INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, MONOGRAPH NO. 44

ALL COMPONENTS IN THIS PRODUCT CAN BE FOUND IN THE CURRENT TSCA INVENTORY.

IRR: IRRITANT, FLAM/FLAMM: FLAMMABLE, COMB: COMBUSTIBLE, CORR: CORROSIVE  
CARC: CARCINOGENIC, TOX: TOXIC, N/A: NOT APPLICABLE, N/E: NOT ESTABLISHED,  
COC: CLEVELAND OPEN CUP, PMCC: PENSKY-MARTIN CLOSED CUP, TCC: TAGLIABUE  
CLOSEDCUP, LEL: LOWER EXPLOSION LIMIT, UEL: UPPER EXPLOSION LIMIT,  
NFPA: NATIONAL FIRE PROTECTION ASSOCIATION, IARC: INTERNATIONAL AGENCY FOR  
THE RESEARCH ON CANCER, NTP: NATIONAL TOXICOLOGY PROGRAM, OSHA: OCCUPATIONAL  
SAFETY & HEALTH ADMINISTRATION, ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL  
INDUSTRIAL HYGIENISTS, TLV: THRESHOLD LIMIT VALUE, PEL: PERMISSIBLE EXPOSURE  
LEVEL, STEL: SHORT-TERM EXPOSURE LIMIT, MLD: MILD, MOD: MODERATE, SEV: SEVERE,  
MUT: MUTAGENIC, ASPHYX: ASPHYXANT

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